

Study Guide for ANTH 153 Exam One

The test format is written paragraph/short essay answers. The instructions that will appear on the test are at the end of the guide.

All exam questions will be drawn from the lecture material and class discussion with reference to the required readings.

To prepare for the test make sure that you understand, or even better, that you can provide a written answer to the following issues/statements:

1. Using examples, discuss how human physiological adaptations to altitude (hypoxia) reflect the biomedical anthropology perspective of adaptation.
2. Discuss differences between adaptations to hypoxia that are particular to specific groups living at altitude vs. adaptations to hypoxia that are universal. How might these differences be accounted for in evolutionary terms?
3. Describe how the epidemiology of schizophrenia reflects the basic rate measurements incidence and prevalence. Briefly discuss two ideas accounting for variation in the incidence and prevalence of schizophrenia.
4. Using schizophrenia as an example, discuss the ways that epidemiological data can and cannot assist our understanding of the causes of illness and disease.
5. Describe how the epidemiology of our paleolithic ancestors differs from current patterns of illness and disease. Why is paleolithic epidemiology instructive in understanding current illness?
6. Describe the “second epidemiological transition”. In what ways is human disease epidemiology and demography after the transition highly novel in evolutionary terms?
7. Discuss how human adaptation to fresh milk consumption reflects the biocultural anthropology perspective of health and disease.
8. Describe how humans may have a biological predisposition to obesity. Discuss two examples of cultural factors that affect the epidemiology of obesity.
9. Discuss two examples of evolved defense mechanisms that can be confused with symptoms of illness or disease.
10. Discuss two ways in which problems in human birthing reflect evolutionary design compromises, as defined by Nesse and Williams.

EXAM INSTRUCTIONS

This is a written exam composed of paragraph/short essay questions.

You have a choice among ___ questions. Answer four (4) questions only.
Each question is worth 5 marks (20% of your total grade).

Write **AT LEAST** half a page (and no more than one page).

1. DO NOT USE PADDING SENTENCES like “I really liked this article” - just give me the facts as you see them.
2. DO NOT USE LISTS OR BULLET POINTS.
3. You can and should use blank paper (or unused sections of the test sheets) to prepare your answers. Cross out any writing on the test sheets that you don't want marked.
4. Write legibly - illegible writing will not be marked.
5. Ignoring these instructions will result in the deduction of marks.

You have until the end of the class period to complete the exam - GOOD LUCK!